| Ref<br># | Hits | Search Query  | DBs   | Default<br>Operator | Plurals | Time Stamp       |
|----------|------|---|---|---------------------|---------|------------------|
| L1       | 3    | (tft or (thin adj film adj<br>transsitor)) with ((titanium adj<br>nitride) or tin) with nitrogen  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR                  | ON      | 2005/07/24 17:55 |
| L2       | 3    | (tft or (thin adj film adj<br>transsitor)) with ((titanium adj<br>nitride) or tin) with nitrogen and<br>(diffusion or diffusing or diffuse)   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR                  | ON      | 2005/07/24 17:55 |
| L3       | . 3  | (tft or (thin adj film adj<br>transsitor)) with ((titanium adj<br>nitride) or tin) with nitrogen and<br>((diffusion or diffusing or diffuse)<br>near5 (prevention or barrier or<br>preventing))   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR                  | NO      | 2005/07/24 17:58 |
| L4       | 1    | 10/766564   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR                  | ON      | 2005/07/24 17:56 |
| L5       | 3    | (tft or (thin adj film adj<br>transsitor)) with ((titanium adj<br>nitride) or tin) with nitrogen and<br>((diffusion or diffusing or diffuse)<br>near5 (prevention or barrier or<br>preventing)) and (((titanium adj<br>nitride) or tin) near5 (thick or<br>thickness))  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR                  | ON      | 2005/07/24 17:59 |
| L6       | 25   | (tft or (thin adj film adj<br>transsitor)) and ((titanium adj<br>nitride) or tin) with nitrogen and<br>((diffusion or diffusing or diffuse)<br>near5 (prevention or barrier or<br>preventing)) and (((titanium adj<br>nitride) or tin) near5 (thick or<br>thickness))   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR                  | ON      | 2005/07/24 17:59 |
| L7       | 25   | (tft or (thin adj film adj<br>transsitor)) and (((titanium adj<br>nitride) or tin) with nitrogen) and<br>((diffusion or diffusing or diffuse)<br>near5 (prevention or barrier or<br>preventing)) and (((titanium adj<br>nitride) or tin) near5 (thick or<br>thickness)) | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR                  | ON      | 2005/07/24 18:00 |

| L8  | 3  | (tft or (thin adj film adj<br>transsitor)) and (((titanium adj<br>nitride) or tin) with nitrogen) and<br>((diffusion or diffusing or diffuse)<br>near5 (prevention or barrier or<br>preventing)) and (((titanium adj<br>nitride) or tin) near5 (thick or<br>thickness)).clm.  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/07/24 18:01 |
|-----|----|---|---|----|----|------------------|
| Ľ9  | 25 | (tft or (thin adj film adj<br>transsitor)) and (((titanium adj<br>nitride) or tin) with nitrogen) and<br>((diffusion or diffusing or diffuse)<br>near5 (prevention or barrier or<br>preventing)) and (((titanium adj<br>nitride) or tin) near5 (thick or<br>thickness))   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/07/24 18:02 |
| L10 | 12 | (tft or (thin adj film adj<br>transsitor)) and (((titanium adj<br>nitride) or tin) with nitrogen) and<br>((diffusion or diffusing or diffuse)<br>near5 (prevention or barrier or<br>preventing)) and (((titanium adj<br>nitride) or tin) near5 (thick or<br>thickness) near5 (angstrom or<br>ang))                                  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/07/24 18:03 |
| L11 | 0  | (tft or (thin adj film adj<br>transsitor)) and (((titanium adj<br>nitride) or tin) with nitrogen) and<br>((diffusion or diffusing or diffuse)<br>near5 (prevention or barrier or<br>preventing) near5 (percentage or<br>percent)) and (((titanium adj<br>nitride) or tin) near5 (thick or<br>thickness) near5 (angstrom or<br>ang)) | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/07/24 18:04 |
| L12 | 12 | (tft or (thin adj film adj<br>transsitor)) and (((titanium adj<br>nitride) or tin) with nitrogen) and<br>((diffusion or diffusing or diffuse)<br>near5 (prevention or barrier or<br>preventing)) and (((titanium adj<br>nitride) or tin) near5 (thick or<br>thickness) near5 (angstrom or<br>ang))                                  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/07/24 18:05 |
| L13 | 2  | (tft or (thin adj film adj<br>transsitor)) and (((titanium adj<br>nitride) or tin) with nitrogen) and<br>((diffusion or diffusing or diffuse)<br>near5 (prevention or barrier or<br>preventing)) and (((titanium adj<br>nitride) or tin) near5 (thick or<br>thickness) near5 (angstrom or<br>ang)).clm.                             | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/07/24 18:05 |